

Abstract

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A braking system for a battery-powered industrial truck

A braking system for battery-powered industrial trucks, comprising a three-phase driving motor which drives a driving wheel, a first braking device associated with the driving wheel, a brake pedal with which a braking signal generator is associated
10 to generate an electric braking signal corresponding to a first desired braking force in response to the excursion of the brake pedal, a control device for the driving motor, a first conversion unit in the control device which converts said braking signal into a desired torque for the driving motor, a second conversion unit in the control device which converts the actual torque of the driving motor into an actual
15 braking force, a comparator device in a braking control in which the first desired braking force is compared to the actual braking force to form a second desired braking force for the second braking device.